



LENGTH OF PRIMES	NUMBER OF PRIMES	THEORETICAL DISTANCE	MEAN DISTANCE BETWEEN PRIMES	PERCENT ERROR
512	50	177.4456782	233.94	31.84%
			165.29	6.85%
			170.51	3.91%
	100		162.11	8.64%
			165.12	6.95%
			192.71	8.60%
768	50	266.1685173	301.82	13.39%
			286.44	7.62%
			247.71	6.93%
	100		342.28	28.60%
			237.12	10.91%
			229.46	13.79%
1024	50	354.8913564	452.54	27.52%
			264.02	25.61%
			344.74	2.86%
	100		370.6	4.43%
			388.56	9.49%
			300.70	15.27%
2048	25	709.7827129	741.28	4.44%
			771.52	8.70%
			712.48	0.38%
	50		900.6	26.88%
			830.16	16.96%
			482.92	31.96%

FIG. 1

LENGTH OF PRIMES	NUMBER OF PRIMES	THEORETICAL VARIANCE	CALCULATED VARIANCE	PERCENT ERROR
512	50	31309.52304	37319.7	19.20%
			16701.1	46.66%
			1624.6	48.12%
	100		26020.4	16.89%
			24339.9	22.26%
			32702.7	4.45%
768	50	70579.5111	81592.6	15.60%
			73697.8	4.42%
			56323.1	20.20%
	100		97383.7	37.98%
			49077.6	30.46%
			38380.1	45.62%
1024	50	125592.9835	220257	75.37%
			64156.2	48.92%
			128506	2.32%
	100		137055	9.13%
			135813	8.14%
			72380.9	42.37%
2048	25	503081.7168	342774	31.87%
			503015	0.01%
			393666	21.75%
	50		684081	35.98%
			1091124	116.89%
			265514	47.22%

**FIG. 2**

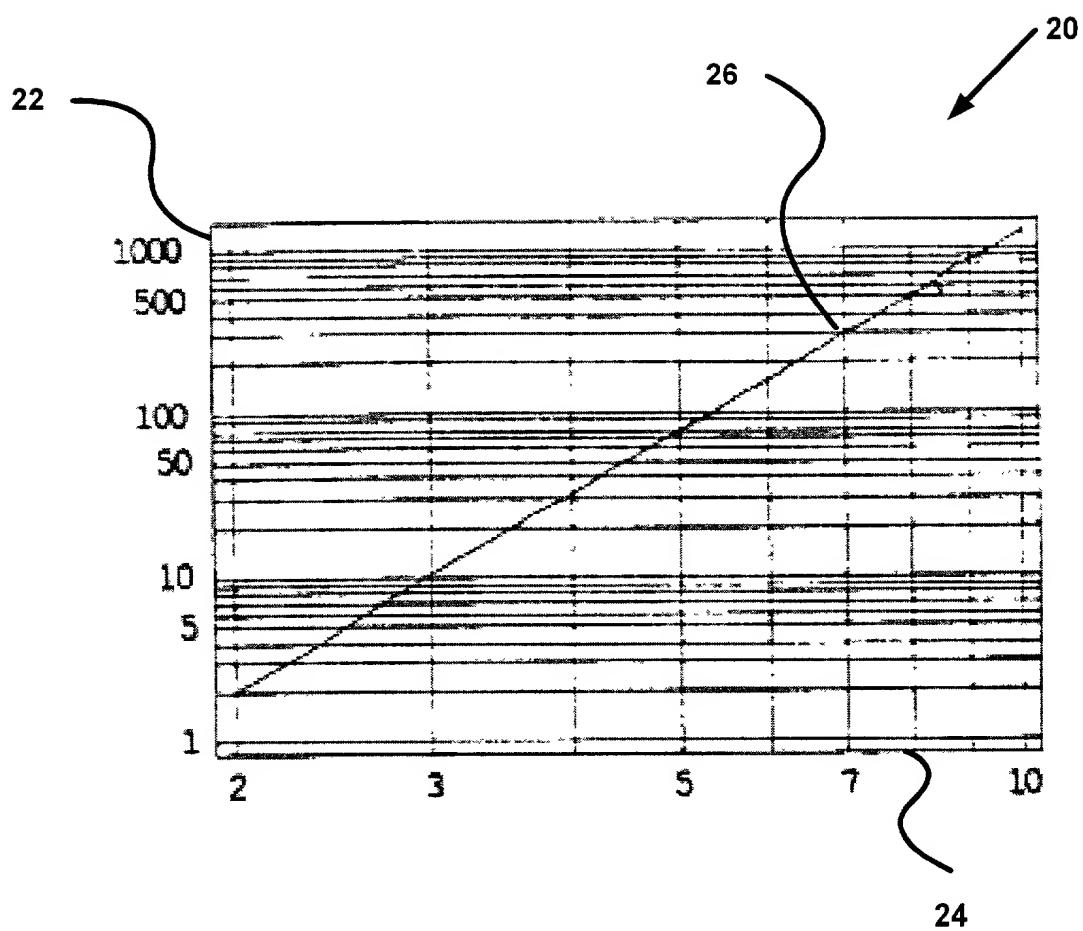


FIG. 3

LENGTH OF PRIMES	NUMBER OF PRIMES	N=8	N=12	N=16
512	50	79.3055%	84.7671%	88.5867%
	100	78.4742%	84.8952%	88.1413%
	150	78.8723%	85.1063%	87.8524%
768	50	79.2572%	85.3223%	88.7526%
	100	78.9617%	85.5717%	88.8592%
	150	79.2732%	85.5819%	88.9805%
1024	50	79.6857%	86.3095%	89.0923%
	100	78.9191%	85.5856%	89.1710%
	150	79.3101%	85.5522%	89.1837%
Average		79.1177%	85.4102%	88.7355%

FIG. 4

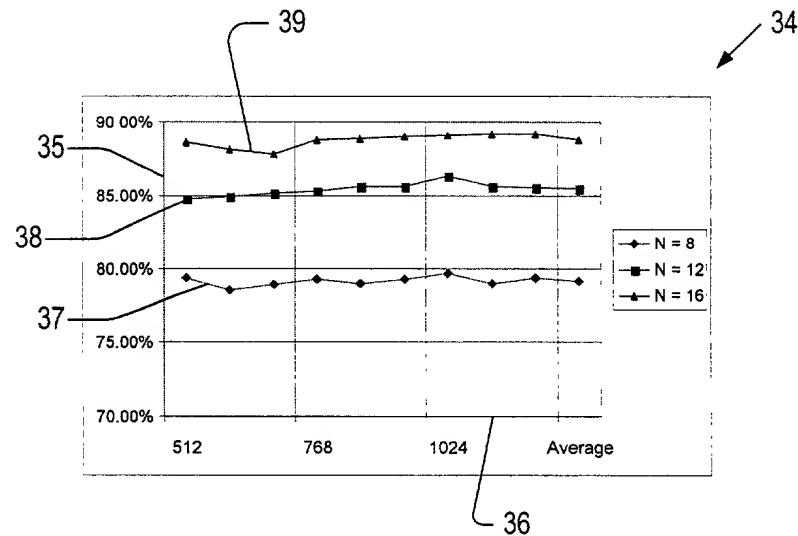


FIG. 5

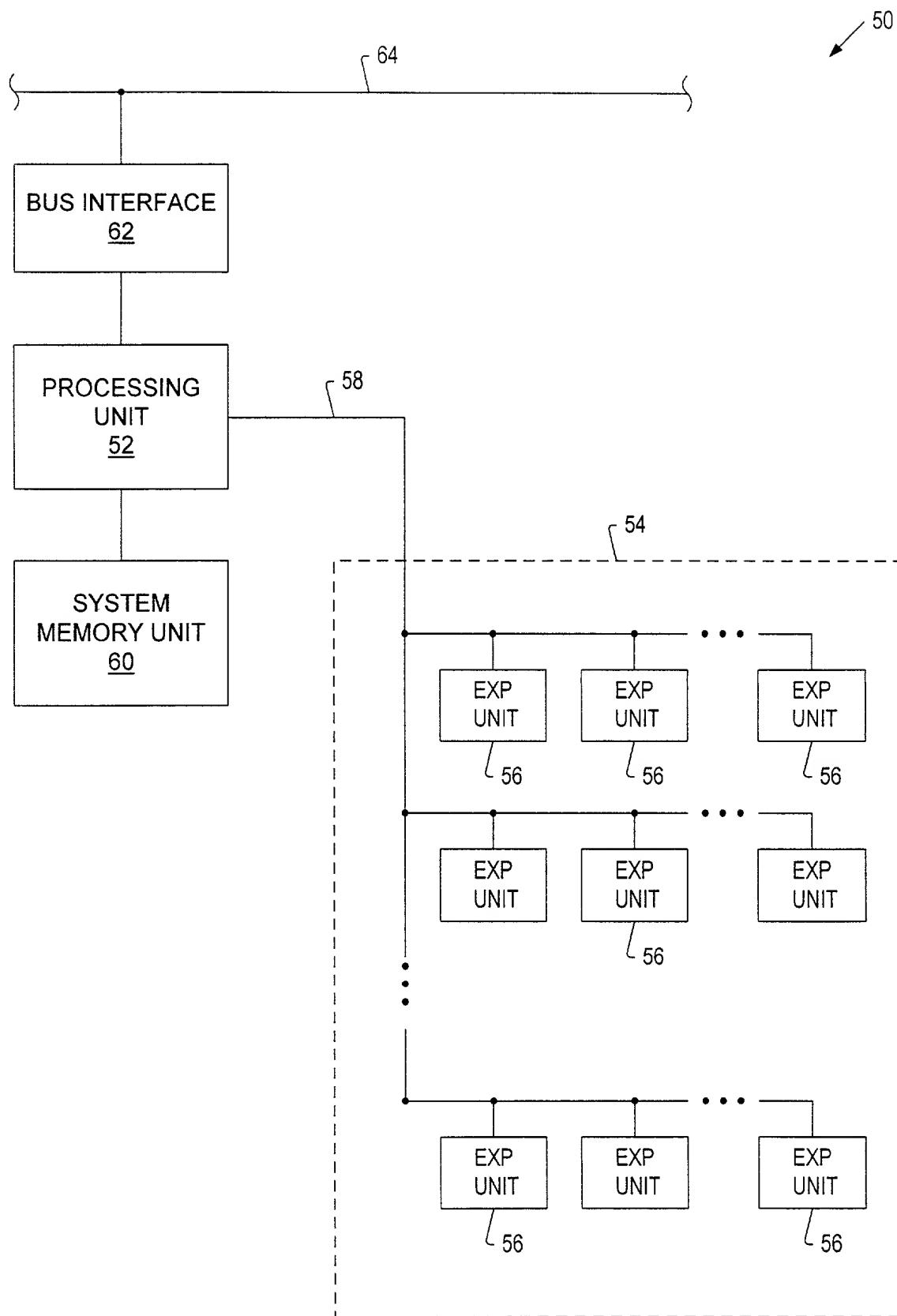


FIG. 6

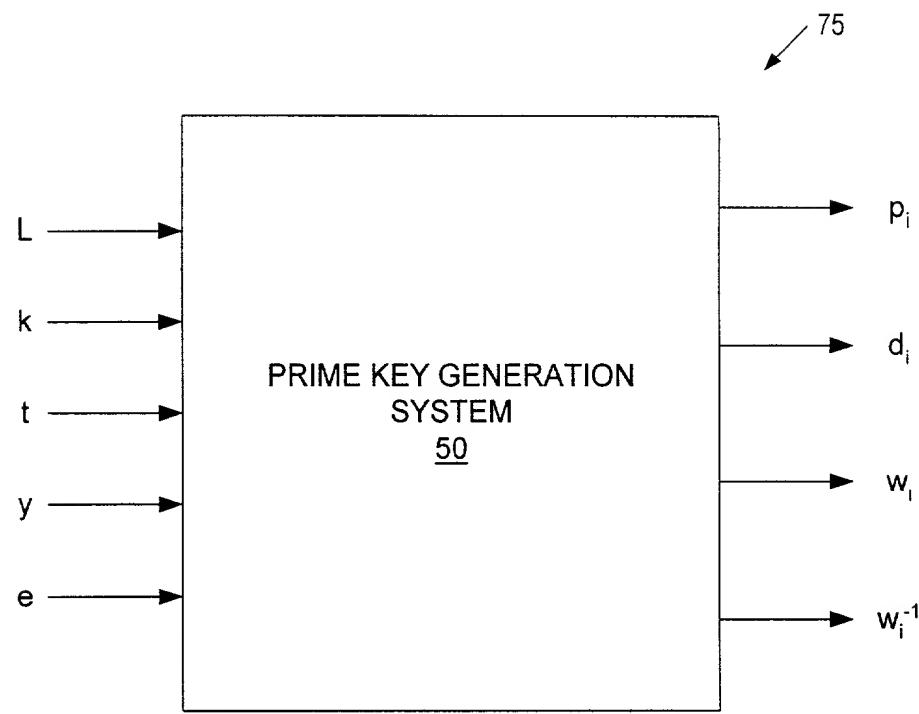
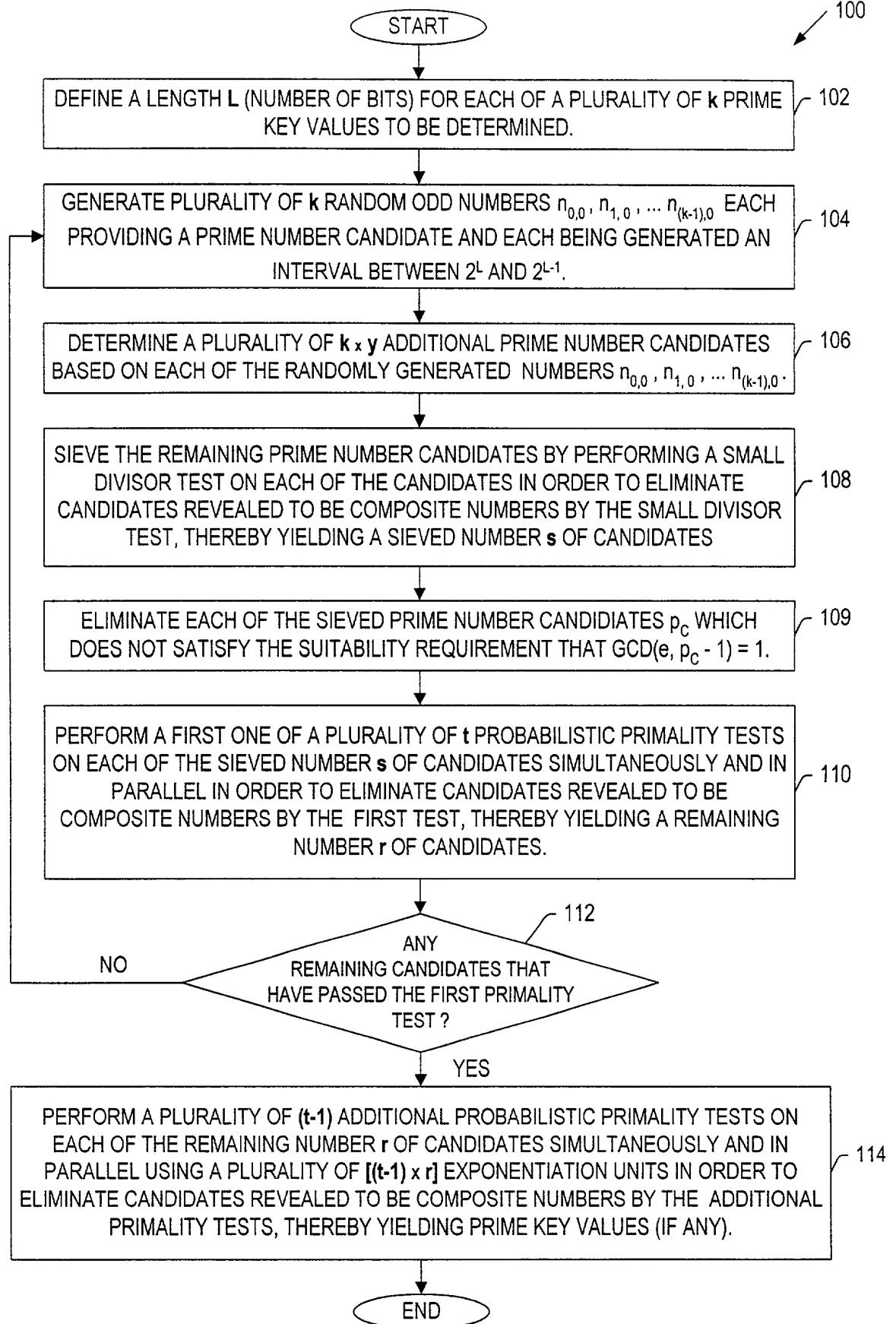


FIG. 7



**FIG. 8**